Philips
flat HDTV with Pixel Plus 2 HD and Ambilight

42"
LCD

42PF9730A

Turn up your viewing experience

with Pixel Plus 2 HD and Ambilight

Enjoy the ultimate viewing experience with this Philips integrated HDTV with Pixel Plus 2 HD, Ambilight and the latest LCD technology. Share music and photos via the built-in USB and memory-card reader.

Be an eyewitness
- HD LCD WXGA display, with a 1366 x 768p resolution
- Integrated HDTV and CableCARD for unrivalled picture quality
- Enjoy HDTV that's truer than anything you've seen before
- Pixel Plus 2 HD for great details, depth and clarity
- Active Control with Light Sensor optimizes picture quality

Enjoy your favorite movies, photos and music
- USB and Memory-Card slot for instantly playing multimedia

Advanced connection to your audio/video products
- HDMI input for full digital HD connection in one cable

Add a new dimension to your viewing
- Full-color ambient lighting enhances the viewing experience

PHILIPS
sense and simplicity

Flat HDTV with Pixel Plus 2 HD and Ambilight
42" LCD

42PF9730A/37

Specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 400 cd/m²
- Contrast ratio (typical): 500:1
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: Progressive Scan, Active Control + Light sensor, Jagged Line Suppression, Widescreen Plus, Pixel Plus 2 HD, Dynamic contrast enhancement, 3D Combfilter
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle (h / v): 176 / 176 degree
- Panel resolution: 1366 x 768p
- Response time (typical): 8 ms
- Dynamic screen contrast: 3500:1

Ambilight
- Ambilight Features: Auto adaptive to video content, 2 Channel Left/Right control
- Color Settings: Full Multi Color
- Dimming Function: Manual and via Light Sensor
- Preset modes: 2 Preset & 1 Personal color, 4 Active Adaptive modes

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1366 x 768	60Hz

- Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- Sound System: Virtual Dolby Digital
- Output power (RMS): 2x15W

Loudspeakers
- Built-in speakers: 2

Convenience
- Ease of Installation: Automatic Tuning System (ATS), PLL Digital Tuning, Plug & Play, Autostore
- Ease of Use: Channel list, Delta Volume per preset, Smart Picture Control, Smart Sound Control, On Screen Display, Side Control
- Remote control type: RC4318
- Teletext: Closed Captioning Full Text
- Remote Control: Universal and Learnable, Amp, VCR, DVD-R, DVD, Sat, STB (Set-Top Box), CBL
- Screen Format Adjustments: 7 Widescreen Modes, Auto Format, Subtitle and Heading Shift
- Clock: Smart Clock
- Child Protection: Child Lock+Parental Control
- Picture in Picture: HDMI-Component PIP

Multimedia Applications
- Digital Content Management: Digital Media Reader
- Memory Card Types: Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card
- Multimedia connections: USB
- Playback Formats: JPEG Still pictures, MP3, Slideshow files (.alb)

Tuner/Reception/Transmission
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Aerial Input: 75 ohm F-type
- Cable: Digital Cable Ready CableCARD, Unscrambled Digital Cable -QAM

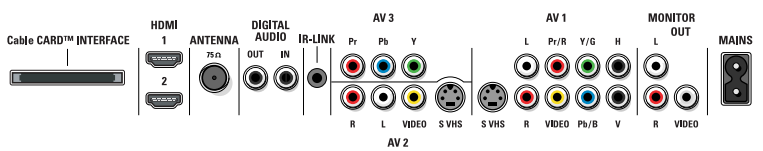
Connectivity
- Other connections: Cable Card Interface, Monitor out, CVBS, L/R (cinch), S/PDIF in (coaxial), S/PDIF out (coaxial)
- AV 1: (1, 2, 3Fh autoranging), Audio L/R in, Component Video in, CVBS in, RGB+H/V, Y/C, YPbPr
- AV 2: Audio L/R in, CVBS, Y/C
- AV 3: YPbPr, S/PDIF digital coaxial, (1, 2, 3Fh autoranging)
- AV 4: HDMI
- AV 5: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in, 2x USB

Power
- Power consumption: 292 W
- Standby power consumption: <2
- Mains power: AC 110-120V (+/-10%)
- Ambient temperature: 5 °C to 40 °C

Dimensions
- Product dimension (WxDxH) inch: 48.8 x 26.8 x 4.1"
- Product weight (lb): 77.2
- Color cabinet: Pearl White Silver (11092)
- VESA wall mount compatible: 800 x 400 mm

Accessories
- Included Accessories: Table top stand

Rear connectors



Side connectors

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Product highlights

LCD WXGA display, 1366 x 768p
This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Digital Cable Ready
The CableCARD is a removable card distributed by the cable providers that is inserted in the TV. This enables the "Plug-and-Play DTV" functionality as agreed between cable operators and consumer electronics manufacturers. It allows the decoding of encrypted or scrambled content delivered from the cable system. CableCARD functionality includes conditional access and copy protection. A CableCARD-enabled television without a CableCARD inserted receives high-definition standard TV broadcasts. When a CableCARD is inserted, the television receives high-value high-definition, cable programming.

Pixel Plus 2 HD
Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colors and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

Active Control + Light Sensor
Active Control is a unique and intelligent way of optimizing picture quality by measuring and analyzing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room light conditions.

USB and Memory Card slot
Instantaneously view and share your movies, photos and music. The Memory Card slot will accept cards of type Compact Flash I and II, Memory Stick, SD Card / Mini SD Card, Smart Media, Micro Drive (up to 2 GB) and Multi Media Card. Simply plug the memory card into slot at the side of the TV, and access the multimedia files stored on the card. The USB connector allows access to multimedia files of most USB-sticks and most digital cameras (USB memory-class device).

HDMI input
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

Ambilight
The full-color ambient lights offers you relaxed viewing and a unique ambiance via a soft light glow on the walls surrounding the TV. Research has shown that watching television with adapted ambient lighting promotes more relaxed TV viewing. the Ambilight colors automatically adapt to the images on the screen to add a new sensation to the viewing experience. The light can also be switched to fixed colors or various shades of white. In standby mode, the lights can be operated to any color and create a unique ambiance in the room.

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